

REMARKS

Reconsideration and allowance of the present patent application based on the following remarks are respectfully requested.

By this Amendment, claims 1 and 10 are amended. Support for the amendment to the claims can be found throughout the original disclosure. No new matter has been added. Accordingly, after entry of this Amendment, claims 1-15 will remain pending in the patent application.

Entry of the Amendment is proper under 37 C.F.R. §1.116 as the amendments: (a) place the application in condition for allowance for the reasons discussed herein; (b) do not present any new issues that would require further consideration and/or search as the amendments merely amplify issues discussed throughout the prosecution; (c) do not present any additional claims without canceling a corresponding number of claims; and (d) place the application in better form for appeal, should an appeal be necessary. Entry of the Amendment is thus respectfully requested.

Claims 1-7 and 10-14 were rejected under 35 U.S.C. §102(e) based on U.S. Pat. No. 7,070,406 to Jeans. The rejection is respectfully traversed.

Claim 1 recites a printing apparatus, comprising, *inter alia*, “a curved member carrying a stamp surface having a plurality of separate curved sides, each of said curved sides including a pattern, wherein, in use, said curved member is configured to roll over a substrate to transfer said pattern on said substrate such that, as said curved member rolls over said substrate, said pattern of each of said curved sides remains stationary relative to each of said curved sides...”

These aspects of claim 1 are amply supported by the original disclosure. As a non-limiting example, one embodiment of the invention shown at Figure 1 of the present application discloses a curved member 25 that includes a patterning stamp surface having three curved sides 30. Each curved side 30 includes a pattern. In order to transfer the pattern onto the substrate 20, the curved member 25 is rotated such that the pattern of each curved side is transferred onto the substrate. As shown in Figure 1, as the curved member 25 rolls over the substrate 20, the pattern of each curved side remains stationary relative to the curved side.

With this said, there is nothing in the cited portions of Jeans that remotely discloses, teaches or suggests these aspects of claim 1.

The cited portions of Jeans disclose an apparatus for embossing a flexible substrate with a pattern. The Office refers to embossing belt 100 of Jeans as allegedly disclosing,

teaching or suggesting the curved member of claim 1. Further, the Office refers to the areas defined by the three rollers 103 of Jeans as allegedly disclosing, teaching or suggesting the curved sides of claim 1. Applicant respectfully disagrees. The embossing belt 100 of Jeans includes a pattern thereon. The pattern of Jeans is embossed on the flexible substrate 101 by rotating the embossing belt 100 using rotating rollers 103. *See* Jeans at Figures 38-39. As shown in Figures 38 and 39 of Jeans, as the embossing belt 100 is rotated by the rollers 103, the pattern on the belt 100 is transferred onto the movable substrate 101. However, unlike claim 1, as the embossing belt 100 of Jeans rotates, the pattern of the belt 100 is *not* stationary relative to the areas defined by the three rollers because the pattern is rotated concurrently with the belt. Thus, for at least this reason, claim 1 is patentable over the cited portions of Jeans.

Claims 2-7 are patentable over the cited portions of Jeans at least by virtue of their dependency from claim 1 and for the additional features recited therein.

Claim 10 is patentable over the cited portions of Jeans for at least similar reasons as provided above for claim 1 and for the features recited therein. For example, the cited portions of Jeans fail to disclose, teach or suggest a printing apparatus for nanometric scale imprinting, comprising, *inter alia*, “a curved member carrying a stamp surface having a plurality of separate curved sides, each of said curved sides including a pattern wherein, in use, said curved member is configured to roll over a substrate to transfer said pattern onto said substrate such that, as said curved member rolls over said substrate, said pattern of each of said curved sides remains stationary relative to each of said curved sides...”

Claims 11-14 are patentable over the cited portions of Jeans at least by virtue of their dependency from claim 10 and for the additional features recited therein.

Accordingly, reconsideration and withdrawal of the rejection of claims 1-7 and 10-14 under 35 U.S.C. §102(e) based on Jeans are respectfully requested.

Claims 8 and 15 were rejected under 35 U.S.C. §103(a) based on Jeans in view of U.S. Pat. No. 6,362,804 to Hamilton. The rejection is respectfully traversed.

Claims 8 and 15 are patentable over the cited portions of Jeans at least by virtue of their dependency from claims 1 and 10, respectively, and for the additional features recited therein.

The cited portions of Hamilton fail to remedy the deficiencies of Jeans. The cited portions of Hamilton disclose a method of making a cathode ray tube with an integral light trapping filter. The filter of Hamilton is assembled in the following manner. A face plate 104 is mounted on a suitable support 106. Guide pins 108 are formed on the interior concave

surface of the face plate 104. A film of emulsion 110 is laid down directly on the inner wall 112 of face plate 104. A spherically curved mask 114 (identified by the Examiner as the "curved member" of claim 1) is provided with guide apertures 116 which fit accurately on guide pins 108. *See* Hamilton at col. 7, lines 10-31 and FIG. 17. With this said, the cited portions of Hamilton do not disclose, teach or suggest a printing apparatus, comprising, *inter alia*, "a curved member carrying a stamp surface having a plurality of separate curved sides, each of said curved sides including a pattern, wherein, in use, said curved member is configured to roll over a substrate to transfer said pattern on said substrate such that, as said curved member rolls over said substrate, said pattern of each of said curved sides remains stationary relative to each of said curved sides..." as recited in claim 8 or a printing apparatus for nanometric scale imprinting, comprising, *inter alia*, "a curved member carrying a stamp surface having a plurality of separate curved sides, each of said curved sides including a pattern wherein, in use, said curved member is configured to roll over a substrate to transfer said pattern onto said substrate such that, as said curved member rolls over said substrate, said pattern of each of said curved sides remains stationary relative to each of said curved sides..." as recited in claim 15. Therefore, any proper combination of the cited portions of Jeans and Hamilton cannot result, in any way, in the invention of claims 8 and 15.

Accordingly, reconsideration and withdrawal of the rejection of claims 8 and 15 under 35 U.S.C. §103(a) based on Jeans in view of Hamilton are respectfully requested.

All rejections having been addressed, it is respectfully submitted that the present application is in a condition for allowance and a Notice to that effect is earnestly solicited.

If any point remains in issue which the Examiner feels may be best resolved through a personal or telephone interview, please contact the undersigned at the telephone number listed below.

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Please charge any fees associated with the submission of this paper to Deposit Account Number 033975. The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,

PILLSBURY WINTHROP SHAW PITTMAN LLP



CHRISTOPHE F. LAIR

Reg. No. 54248

Tel. No. 703.770.7797

Fax No. 703.770.7901

JSB/CFL/pj  
P.O. Box 10500  
McLean, VA 22102  
(703) 770-7900